

DECODER BUFFER FOR STREAMING VIDEO RECEIVER  
AND METHOD OF OPERATION

## ABSTRACT OF THE DISCLOSURE

There is disclosed a decoder buffer capable of receiving  
5 streaming video data packets and storing the data packets in a  
plurality of access units. Each of the access units holds at  
least one data packet associated with a selected frame in the  
streaming video. The decoder buffer comprises: 1) a first  
buffer region comprising at least one access unit for storing  
10 data packets that are less immediately needed by the video  
decoder; and 2) a re-transmission region comprising at least one  
access unit for storing data packets that are most immediately  
needed by the video decoder. The decoder buffer, in response to  
a detection of a missing data packet in the re-transmission  
15 region, requests that the streaming video transmitter retransmit  
the missing packet.